BigBelly® Cordless Compaction System

Product Walk-Through

bigbelly.com
External Overview

- Solar panel
- Insertion hopper
- Side panels
- Removal door
The polycarbonate shield is designed to withstand the swing from a baseball bat!

LED indicators notify personnel of bin fullness and unit status

Unit does not need direct sunlight

Simply wave a magnet over the red LED to trigger a manual cycle
Insertion Hopper

- Designed for safety: prevents access inside the unit
- Rubbish can be thrown away even during a compaction cycle
- Sized to prevent illegal dumping
- Keeps rubbish neatly contained
- Keeps out pests, birds, and rain
- ADA-compliant handle height (42”)

Hopper is available with a bear- and raccoon-proof latch for locations with wildlife
Side Panels

- Made of rugged ABS plastic
- Scratch-resistant
- Rust-proof
- Bright silk-screened graphics
- Standard colors:
  - Black (made of recycled material)
  - Green
- Custom colors available
- Advertising panel available
Removal Door

- Security key access
- Durable powder coating over galvanized sheet metal
- Full-length door gives easier access inside the unit
- Air-spring keeps door open during emptying
- Safety sensor prevents compactions while door is open
Internal Overview

- Leak-proof bin
- Front baffle
- Compaction ram
- Electronic eye senses waste level
- Power & electronics
How it Works

1. Litter falls into bin
2. Electronic eye senses height of litter and automatically triggers compaction when needed
3. Ram compacts waste into bin, making room for more

- Reduces litter to 25% of its original volume
- Litter can be thrown away during a compaction cycle
Power & Electronics

- Prop arm
- 12-volt battery
- Motor
- Integrated control system
- Electronics cover
System Sensors

- Power-on
- Manual cycle
- Closed-door sensor
- Electronic eye
Unit Placement

- *BigBelly* does not require direct sunlight
- *BigBelly* will function in indirect sunlight (shaded areas)
- Unit needs to be placed where you can look up and see sky
- Unit cannot be placed under overhangs or dense tree cover
Long Life & Low Maintenance

- Passed rigorous ASTM 10-year accelerated life-cycle corrosion testing

**Maintenance Schedule**

<table>
<thead>
<tr>
<th>Maintenance Activity</th>
<th>3 months</th>
<th>6 months</th>
<th>Once per year</th>
<th>Every 4-5 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual inspection</td>
<td>✔️</td>
<td>✔️</td>
<td>☑️</td>
<td></td>
</tr>
<tr>
<td>Lubricate chains and hinges</td>
<td></td>
<td></td>
<td></td>
<td>✔️</td>
</tr>
<tr>
<td>Replace battery</td>
<td></td>
<td></td>
<td></td>
<td>✔️</td>
</tr>
</tbody>
</table>
Transportation & Installation

• Readily moveable with a pallet jack or hand truck

• Should be installed on level, solid ground, preferably concrete

• Needs to be bolted down with provided mounting bracket and bolts (1 person, less than 30 minutes)
Physical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>300 pounds</td>
</tr>
<tr>
<td>Height x Width x Depth</td>
<td>50” x 26” x 26”</td>
</tr>
<tr>
<td>Bin volume</td>
<td>32 gallon (equivalent to 170-200 gallons uncompacted waste)</td>
</tr>
<tr>
<td>Hopper insertion opening</td>
<td>6” x 17”</td>
</tr>
<tr>
<td>Hopper handle height</td>
<td>41.6”</td>
</tr>
</tbody>
</table>

Made in USA